Suwantha
Darshana

Software Engineer

CONTACT ME

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⚙ https://github.com/SuwanthaDarshana

SKILLS

- **Programming Languages:** Java, JavaScript, TypeScript

- **Frontend:** ReactJS, Redux, Material UI, Tailwind CSS, Bootstrap

- **Backend & Frameworks:** Spring Boot, Node.js, Hibernate, JPA

- **Databases:** MySQL, MongoDB, MSSQL

- **Authentication & Security:** Spring Security, JWT, Keycloak, OAuth 2.0

- **DevOps & Deployment:** Docker, AWS (EC2, S3), GitHub Actions

- **Version Control :** Git, GitHub

- **Non Technical Skills :** Collaboration & Teamwork , Adaptability, Creativity, Time Management

PROFILE

Motivated and detail-oriented Software Engineer with hands-on experience in full-stack development and a solid understanding of modern software engineering practices. Proficient in designing, developing, and maintaining scalable web applications using technologies such as **Java**, **Spring Boot**, **ReactJS**, **NodeJS, MongoDB,** and **MySQL**. Adept at problem-solving, writing clean and efficient code, and collaborating effectively in **Agile** team environments. Passionate about learning new technologies and delivering high-quality, user-focused solutions that meet both technical and business requirements. **Available for immediate joining.**

WORK EXPERIENCE

Associate Software Engineer   **July 2024 - Jan 2025**

Hasthiya IT (Pvt) Ltd

- Developed and maintained web applications using **ReactJS** with **Tailwind CSS** for modern, responsive UI designs.
- Worked in **Agile/Scrum** teams, participating in sprint planning, daily stand-ups, code reviews, and retrospectives.
- Used **Git/GitHub** for version control, pull requests, and collaborative development workflows.
- Implemented reusable UI components and improved frontend performance for a smoother user experience.

Software Engineer Intern   **Jan 2024 - July 2024**

Ceylinco Life Insurance Limited

- Developed and maintained **full-stack** web application features, handling both frontend and backend components.
- Implemented **RESTful APIs** and business logic using **Spring Boot** and **Spring Security.**
- Built responsive and dynamic user interfaces using **ReactJS, Redux**, **Material UI,** and **FullCalendar**
- Managed data operations using **MSSQL** to ensure efficient and reliable data handling
- Deployed and configured applications on **Linux** servers, ensuring secure and stable operation
- Collaborated with cross-functional IT teams in an **Agile** environment to deliver scalable, business-aligned solutions

EDUCATION

- **B.Sc. (Hons) in Information Technology**
  University of Moratuwa — 2021 - 2025

- **Diploma in Cyber Security & Ethical Hacking**
  SITC Campus - (Credentials) — 2023

- **G.C.E Advanced Level**
  Maths Stream — 2016 - 2018

PROJECTS

Hotel Management System — 2025 - Freelance Project

- Developing a full-stack hotel management platform using **Spring Boot**, **React**, and **MySQL** with a **microservices** architecture.
- Implementing secure authentication using **Spring Security**, **JWT**, and **Keycloak**. Integrated payment gateway and email notifications for real-time updates.
- Managing **Docker**-based deployment on **AWS**, with **GitHub** and **Maven** for version control and build automation.

  GitHub - https://github.com/hotel-mgt-dev

Multi-Modal Based Violent Content Detection of YouTube Sinhala Videos — Jun 2024 - Jun 2025

- Built a system to identify violent content using video, audio, and comment analysis.
- Applied Natural Language Processing (**NLP**) and **Transformer** models (**XLM-RoBERTa**) for Sinhala text classification.
- Integrated multiple machine learning models for accurate multi-modal content detection.
- Tools used: **Python**, **PyTorch**, **YouTube Data API**, **Transformers**, and **Pandas**.

  GitHub - https://github.com/SuwanthaDarshana/youtube_comments_analyse

Sales Web Application — Jan 2024 - July 2024

- Developed a **full-stack** sales management application during an internship at Ceylinco Life Insurance.
- Implemented backend services using Spring Boot and Spring Security.
- Built a responsive frontend with **ReactJS**, **Redux**, **Material UI**, and **FullCalendar**.
- Managed data storage with **MSSQL** and deployed the application on a **Linux** server.

EduLabs – Student Management System — Sep 2022 - Aug 2023

- Developed a full-stack student management system using **Angular** for the frontend and **Spring Boot** for the backend.
- Streamlined data management from student enrollment to grading and reporting.
- Designed a modern, user-friendly interface for seamless interaction.
- Improved efficiency and accessibility for institutional administration workflows.

  GitHub - https://github.com/SuwanthaDarshana/2nd-Year-Software-Project